

Walk Thru Metal Scanner - WTs18

Advanced High Discrimination Multiple Zone Detection

The WTs18 is a Continuous Wave Eighteen Zone Metal Detector; the vertical zones monitor the left, centre and right side of a person while the horizontal zones determine the height at which a weapon or protected asset is carried.

As a weapon or contraband object is transported through a zone, the zone's receiver channels and sophisticated mapping software compute its position within the archway.



Key Features

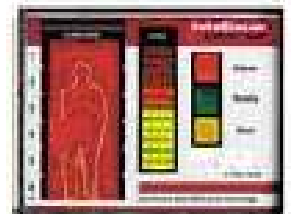
- 18 Zone Visual Display on header and vertical LED indication on legs shows location of weapons or contraband;
- Eliminates the need to empty pockets of typical amounts of keys, coins, etc.
- Superior immunity to alarms from electromagnetic interference;
- Uniform detection throughout entire detector, even with large amounts of steel re-bar in floor;
- Can target specific types of metal or alloys for enhanced loss prevention use;
- Certified by Federal Aviation Administration;
- Competitively priced for all security applications.

Display Identification

A display accurately pinpoints the location where an object or objects are concealed.

Security personnel can immediately target a suspect object.

This increases the quality, speed and efficiency of screening; it also reduces the physical demands placed on security personnel, as they are no longer forced to conduct a full manual body search.



Multi Zone Detectors Cut Costs

- Reduce screening time and increase traffic flow rates;
- Reduce the number of detectors, personnel and space required for a high traffic location;
- Minimise the physical workload of security personnel;
- Increases the quality of screening and protection.

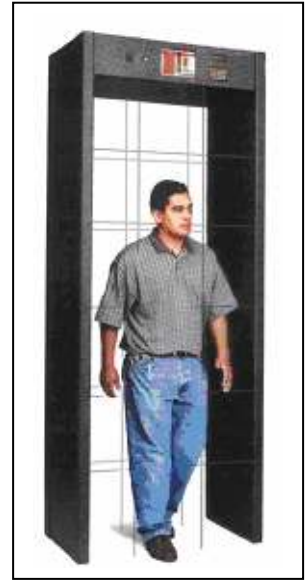


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Registered Office: 4 High Street, Alton, Hampshire GU34 1BU Registered in England No: 04709360

WTs18 Protects:

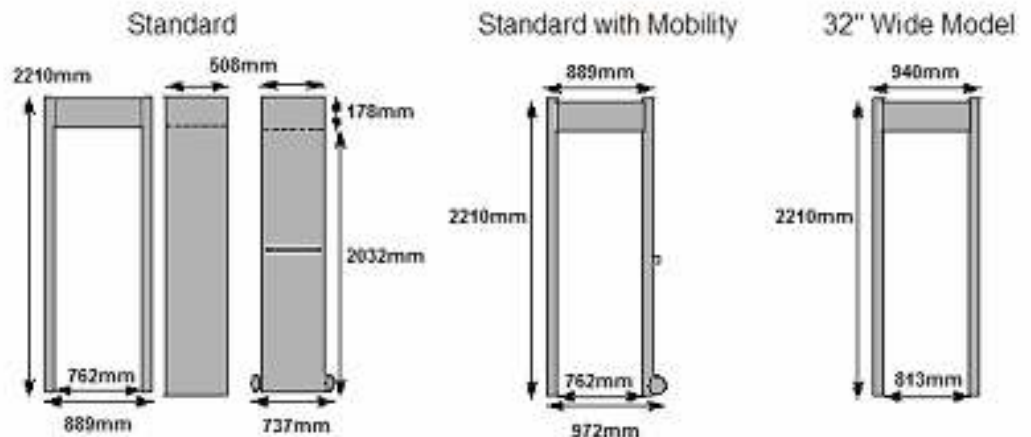
- Airports and Seaports;
- Government Buildings;
- Embassies;
- Police Facilities;
- Courthouses;
- Prisons and Jails;
- Military Bases;
- Research Sites;
- Warehouses and Distribution Centres;
- Power Plants;
- Banks, Mints, Financial Institutions;
- Schools;
- Manufacturing Plants;
- Casinos;
- Nightclubs, Hotels and Conference Centres.



Advanced Design

Detection characteristics are easy to set up and operate;
 Data processing hardware and software programs give excellent interference rejection, discrimination, sensitivity, detection uniformity, vibration tolerance and orientation response;
 Increased discrimination feature significantly reduces unwanted alarms;
 Horizontal Axis Gain Control (HAGC) and an optional Detection Enhancement feature;
 HAGC helps correct detection non-uniformity caused by vertically positioned external metal.

Dimensions:



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Technical Features :

Continuous wave multiple sensor measurement technology;
Detection zones: 18;
Alarm display pinpoints: Exact location of weapon or targeted object;
Detection programs: 20;
Suitable for weapon screening and asset protection;
Baseline sensitivity range for each program: 1-99% in steps of 1.0%;
Individual zone sensitivity adjustments: from -99 to +99% in 1.0% steps;
Continuously active detection: Detects weapons that are passed, slid or tossed through detector;
Adjustable floor zone: Fully compensates for signal losses caused by metal in floor;
Horizontal axis gain control;
Status display: Red - Alarm, Green - Ready and Yellow - Wait.
Vu graph: Shows real-time signal strength;
Selectable operating frequencies:16;
Advanced control algorithms and unique circuitry provide excellent noise immunity;
On/Off key lock and dual-level: Six digit security pass codes;
Alarm relay output contacts: For operating external devices such as cameras and door locks;
Traffic throughput: More than 50 passes per minute;
Operating Environment: 0°C to +55°C;
Humidity: 95% non-condensing;
Warranty: 2 Years Limited;
Meets UL, CSA, VDE and TUV & N.I.L.E.C.J. Standard 0601.00 security levels 1-5;
Optional External UPS;
Optional 36" Inner Archway Width; (wheelchairs)
Optional traffic counter;
Magnetic field certified safe for heart pacemakers;
Optional remote alarm display;
Wheel Option;
Electrical: Adjusts automatically to variations in the line voltage from 95VAC to 250VAC or 35VDC without operator intervention.

Shipping Dimensions

Header: 88cm x 64cm x 29cm;
Side Panels: 229cm (H) x 68cm (W) x 21cm (D);
Shipping Weight: 86Kg.



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